

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	59	"6168395"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/17 17:05
L4	11	"2821930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/17 17:09
L14	3	("3101058").URPN.	USPAT	OR	ON	2009/12/17 17:27
L18	44	("2202313"   "2348248"   "2575398"   "2578746"   "2693827"   "2907339"   "2916255"   "3661060").PN. OR ("4430048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 17:28
L24	81	("2311229"   "2855144"   "3213804"   "4265600"   "4303376"   "4552552").PN. OR ("4634430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 17:33
L25	81	("2311229"   "2855144"   "3213804"   "4265600"   "4303376"   "4552552").PN. OR ("4634430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 17:33
L26	10	"4904167"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/17 17:41
L27	13	("1466242"   "2959131"   "3093086"   "4621989").PN. OR ("4904167").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 17:42
S1	12	((ROBERT) near2 (GRAPES)).INV.	US-PGPUB; USPAT	OR	ON	2008/05/23 11:07
S2	7	((ROBERT) near2 (GRAPES)).INV.	EPO; JPO; DERWENT	OR	ON	2008/05/23 11:08

S3	2	("5669764").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/23 11:10
S4	2	("4755111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/05/23 11:11
S5	21460251	US-2,821,930 US- 3,093,086 US- 3,955,901 US- 4,755,111 US- "5,669,764"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:13
S6	23	"3955901"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:14
S7	27	"3093086"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:18
S8	16	("2764097"   "3000320"   "3093086"   "3338171"   "3386388"   "3387566"   "4837068"   "5131226").PN. OR ("6464474").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 11:19
S9	20	("3093086").URPN.	USPAT	OR	ON	2008/05/23 11:24
S10	11	"2821930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:34
S11	149	"5836750"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:37
S12	12	"3101058"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:41
S13	12	"6251293"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:45

S14	66	( "2215505"   "2674188"   "2997961"   "3409135"   "3507583"   "3637328"   "3654148"   "3704968"   "3707231"   "3771908"   "3777888"   "4003679"   "4004717"   "4083186"   "4124488"   "4127360"   "4139333"   "4146485"   "4147476"   "4160727"   "4230160"   "4321014"   "4345483"   "4352636"   "4367140"   "4428228"   "4483665"   "4582598"   "4597719"   "4599049"   "4601409"   "4609045"   "4618425"   "4624625"   "4660741"   "4676905"   "4681513"   "4683212"   "4690621"   "4749440"   "4749476"   "4773561"   "4856969"   "4863066"   "4915597"   "4921133"   "4950134"   "4983102"   "5061156"   "5167837"   "5232328"   "5490765"   "5516429"   "5527161"   "5762795"   "5772899"   "6251293").PN. OR ("6419841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 11:51
S15	4	"6669455"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:57
S16	60	"4430048"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:57
S17	999	417/395	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 11:59

S18	43	("2202313"   "2348248"   "2575398"   "2578746"   "2693827"   "2907339"   "2916255"   "3661060").PN. OR ("4430048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 14:10
S19	57	("0588296"   "0996588"   "1282075"   "2821930"   "2871795"   "3010404"   "3093086"   "3155110"   "3176714"   "3232524"   "3307481"   "3324877"   "3652187"   "3741687"   "3844529"   "3881513"   "4072164"   "4084606"   "4304257"   "4355653"   "4390325"   "4410322"   "4516604"   "4583920"   "4848722"   "4852851"   "4858883"   "4875956"   "4944659"   "4981157"   "5387395").PN. OR ("5669764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 14:38
S20	60	"4430048"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:43
S21	17	"4915017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:44
S22	9	"3357360"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:45
S23	8	"3460482"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:45
S24	11	"4021164"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:46
S25	12	"5458468"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:47

S26	2	"20030194332"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:47
S27	18	"3431823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/23 14:48
S28	5	"5902096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:23
S29	11	"4124008"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:24
S30	3	"4627256"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:30
S31	10	"3503307"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:31
S32	12	"3101058"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:32
S33	12	"6251293"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:34
S34	3	"6971859"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:35
S35	5	"6582206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:36
S36	11	"6105829"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:37
S37	5	"5902096"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:37
S38	11	"4124008"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:43

S39	2	"20070140873"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:51
S40	18	"5669764"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:54
S41	17	"4755111"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:54
S42	11	"2821930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 09:55
S43	15337	(diaphragm or membrane)adj pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 11:43
S44	293	(rubber or elastomeric) adj valve with disk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 11:44
S45	4	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/28 11:44
S46	18	"5669764"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:04
S47	1014	417/395	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:06
S48	859	S47 and (diaphragm or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:06
S49	387	417/566	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:07
S50	167	S49 and (diaphragm or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:07
S51	2183	(417/470-474).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/10 10:10

S52	580	S51 and (diaphragm or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/10 10:11
S53	52	(bi-stable or (bi near2 stable)) near2 (membrane or diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 13:07
S54	26	("2642091"   "3028878"   "3093086"   "3131638"   "3249022"   "3661060"   "4176586").PN. OR ("4915017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 13:12
S55	20	"5669764"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 13:47
S56	18	"4755111"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 13:47
S57	11	"2821930"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 13:49
S58	20	("20010019034"   "20020054835"   "20020100888"   "20020139947"   "20030019528"   "20030155539"   "20030172975"   "20060044088"   "4824073"   "4966646"   "5029805"   "5058957"   "5333381"   "5475353"   "5647574"   "5705070"   "5921382"   "6123316"   "6328279"   "6884950").PN. OR ("7474180").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 14:42
S59	100	(first near2 stable) and (second near2 stable) same (membrane or diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 14:44
S60	26	("2642091"   "3028878"   "3093086"   "3131638"   "3249022"   "3661060"   "4176586").PN. OR ("4915017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 15:37

S61	3	"6132187"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:04
S62	23	("2888877"   "3733149"   "3955901"   "4111616"   "4158530"   "4344743"   "4718893"   "4741678"   "4816016"   "4936758"   "4974674"   "4995864"   "5036879"   "5197192"   "5197637"   "5281108"   "5372578"   "5556263"   "5563458"   "5575632"   "5743170"   "5889354").PN. OR ("6132187").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:07
S63	463	(pre-set or (pre adj set)) with (diaphragm or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:29
S64	148	S63 and (pump or compressor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:29
S65	5380	concave same convex same (diaphragm or membrane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:39
S66	916	S65 and (pump or compressor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/27 16:40
S67	26	("20040018100"   "20050244288"   "20050258715"   "20060147325"   "4401857"   "4773218"   "4853579"   "4927084"   "4939405"   "5070848"   "5759015"   "5811911"   "6042345"   "6120264"   "6229245"   "6246152"   "6411009"   "6637200"   "6659978"   "6751954"   "6761028"   "6784599"   "6811093"   "6869275"   "6969941").PN. OR ("7267043").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/27 16:52

S68	8	("3947156"   "4634430"   "5145336"   "5669764"   "6019135"   "6098991"   "6106245").PN. OR ("6971859").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 10:57
S69	6	("2821930").URPN.	USPAT	OR	ON	2009/04/28 11:10
S70	78	("2311229"   "2855144"   "3213804"   "4265600"   "4303376"   "4552552").PN. OR ("4634430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:10
S71	39	("2289617"   "2576282"   "2957422"   "3036525"   "3045874"   "3064631"   "3101058"   "3232524"   "3387566"   "3762838"   "3947156").PN. OR ("4265600").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/28 11:39

### EAST Search History (Interference)

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12/17/2009 7:35:51 PM

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